

The Plants of Monterey County – an Illustrated Field Key

Second edition by Mary Ann Matthews & Michael Mitchell

UPDATES & ERRATA

The Jepson Herbarium publishes annual revisions to the treatment of particular genera, sometimes involving a change in the family or genus attribution. Brief summaries of these changes, so far as they relate to taxa found in Monterey County are set out below.

While it would be tedious to indicate all of the typographical and other errors that inevitably escape even the most eagle-eyed proofreader, there are set out below those that appear to be of significance.

Jepson eFlora Revisions

2013 & 2014: Revisions 1 & 2 – These were incorporated in the book when published

2015: Revision 3 – None of the changes affected taxa found in Monterey County

2016: Revision 4

- *Athyrium* transferred from Woodsiaceae to Athyriaceae
This affects *Athyrium filix-femina* var. *cyclosurum* (Western Lady Fern) [p. 11]
- *Cystopteris* transferred from Woodsiaceae to Cystopteridaceae
This affects *Cystopteris fragilis* (Fragile / Bladder Fern) [p. 11]

2017: Revision 5

- All native taxa of *Orobanche* transferred to *Aphyllon*. This affects [pp. 223-5]:
Orobanche bulbosa changed to *Aphyllon tuberosum*
Orobanche californica subsp. *californica* changed to *Aphyllon californicum* subsp. *californicum*
Orobanche californica subsp. *condensa* changed to *Aphyllon californicum* subsp. *condensum*
Orobanche californica subsp. *grandis* changed to *Aphyllon californicum* subsp. *grande*
Orobanche californica subsp. *grayana* changed to *Aphyllon californicum* subsp. *grayanum*
Orobanche californica subsp. *jepsonii* changed to *Aphyllon californicum* subsp. *jepsonii*
Orobanche fasciculata changed to *Aphyllon fasciculatum*
Orobanche parishii subsp. *parishii* changed to *Aphyllon parishii* subsp. *parishii*
Orobanche pinorum changed to *Aphyllon pinorum*
Orobanche uniflora (misapplied, not in California) changed to *Aphyllon purpureum*
Orobanche vallicola changed to *Aphyllon vallicolum*
- *Aphyllon robbinsii* (newly described) added.
This taxon is broadly similar to *A. californicum* subsp. *californicum*, found on loose sandy soils of coastal bluffs and parasitic on *Eriophyllum staechadifolium* (Lizard Tail). Common Name: Robbins Broomrape. See <http://www.phytoneuron.net/2016Phytoneuron/58PhytoN-Orobancherobbinsii.pdf> for full description.

2018: Revision 6

- All *Mimulus* (Phrymaceae) have been transferred to *Diplacus*, *Erythranthe* and *Mimetanthe*. The treatment in the book assumed that these changes would be forthcoming. Only one change to the treatment in the book is required:

The name *Erythranthe inodora* was found to be unavailable to describe plants found in Monterey County and previously identified as *Mimulus moschatus*. Such plants are now recognized under the new name *Erythranthe ptilota*. Calflora ascribes the common name “Muskflower” to this species.

2019: Revision 7

Poaceae

- *Bromus madritensis* subsp. *madritensis* recognized at species rank as *Bromus madritensis*.
- *Bromus madritensis* subsp. *rubens* recognized at species rank as *Bromus rubens*.
- *Bromus carinatus* recognized at varietal rank as *Bromus sitchensis* var. *carinatus*.
- *Bromus marginatus* recognized at varietal rank as *Bromus sitchensis* var. *marginatus*.
- *Bromus maritimus* recognized at varietal rank as *Bromus sitchensis* var. *maritimus*.

Themidaceae:

- *Dichelostemma capitatum* changed to *Dipterostemon capitatus*, as native.
- *Dichelostemma capitatum* subsp. *capitatum* changed to *Dipterostemon capitatus* subsp. *capitatus*, as native.

Changes in CNPS Rare & Endangered Plants Inventoryp.393 **Geraniaceae** - *California macrophylla* downgraded from 1b.2 to “considered but rejected” status (Dec 2017)p.394 **Polygonaceae** - *Chorizanthe minutiflora* added as 1b.2 (Jan 2017)**Other Changes – Taxa newly found in Monterey County****Boraginaceae**p. 97 *Plagiobothrys greenei* [Greene’s Spiny-nut Popcornflower] – similar to *P. acanthocarpus* but distinguished by nutlets which are slightly larger (1.5–3 mm vs. 1–1.8 mm) and which, though prickly adaxially, lack the prominent cross-ribs visible abaxially on the nutlets of *P. acanthocarpus*. Found in wet sites in grassland and woodland.**Chenopodiaceae**p.133 *Cycloloma atriplicifolium* [Winged Pigweed] Like *Salsola tragus* [Russian Thistle] this has a calyx that is horizontally winged in fruit, but unlike it does not have spine-tipped leaves or bracts. Recorded from Fort Ord. Native to central North America.**Fabaceae**p.175 *Trifolium suffocatum* [Suffocated Clover] Prostrate, often more or less covered by sand or soil. Small white sessile flowers crowded around the plant’s crown. Recorded from Fort Ord. European native.**Cyperaceae**p.345 *Cyperus involucratus* [Umbrella Sedge] Related to *Cyperus eragrostis* & *C. squarrosus* [Tall & Awned Cyperus] but its fruit bract tips are not distinctly outcurved (unlike *C. squarrosus*) and it lacks basal leaves (unlike *C. eragrostis*). Recorded from Fort Ord. Native to East Africa.**Errors and Omissions****Pinaceae**p.15 *Pinus coulteri* – substitute “medium tree < 42 m” for “medium tree 12–25m”**Apiaceae**p.29 *Sanicula arguta* – No herbarium records exist for this taxon in Monterey County although there are numerous records for San Luis Obispo County**Asteraceae**p.37 *Tanacetum parthenium* – substitute “J–Au” for “J–A”p.53 *Malacothrix saxatilis* var. *tenuifolia* – No herbarium records exist for this taxon north of central San Luis Obispo Countyp.59 *Cirsium quercetorum* – substitute “plant low, 0.5–2.0 dm” for “plant low, 2.5–3 dm”p.65 *Pseudognaphalium stramineum* – substitute “dunes, waste places” for “moist waste places”p.109 *Capsella bursa-pastoris* – substitute “Eurasian” for “Eur”

p.113 *Hirschfeldia incana* – substitute “4–15 dm” for “4–6 dm”

Caryophyllaceae

p.129 *Spergularia villosa* – substitute “S Am” for “Eur”

p.129 *Stellaria media* – substitute “Eur” for “Eurasian”

Chenopodiaceae

p.133 *Chenopodium pratericola* – substitute “open, dry places” for “dry, montane areas”

Convolvulaceae

p.137 *Calystegia collina* (line 6b) – substitute “peduncles < 6 cm” for “peduncles 6–9 cm”

Dipsacaceae

p.145 *Dipsacus fullonum* – delete “mostly shorter than the head”

Fabaceae

p.167 *Lupinus albifrons* var. *albifrons* – substitute “leaflets 6–10, 10–30 mm” for “leaflets 10–30 mm”

p.167 *Lupinus albifrons* var. *douglasii* – substitute “leaflets 7–9, 25–45 mm” for “leaflets 25–45 mm”

p.173 Footnote 3 – substitute “*T. truncatum*” for “*T. stenophyllum*”

Lamiaceae

p.197 *Scutellaria tuberosa* – substitute “leaves thinly pilose on both surfaces, 2 cm” for “leaves thinly pilose on both surfaces, 2 dm”

Linaceae

p.109 *Linum bienne* – substitute “Eurasia” for “Medit”

Malvaceae

p.200 The drawings labelled “*Lythrum hyssopifolium* / Grass Poly by mistake duplicate the drawings of *Alcea rosea* / Hollyhock appearing lower down the same page.

p.205 *Sidalcea hickmanii* subsp. *hickmanii* – substitute “pl densely gray-stellate throughout, 4–8 dm” for “pl densely gray-stellate throughout, 4–8 cm”

Montiaceae

p.207 *Calyptridium parryae* var. *hessae* – substitute “Sepals” for “Aepals”

p.207 *Claytonia* (line 1a) – substitute “tubercled at 20 x” for “tubercled at each 20x”

p.207 6a – Add *Claytonia rubra* subsp. *depressa*; distinguished from subsp. *rubra* by having basal leaves elliptic to obovate, base wedge shaped; cauline leaves fused as against basal leaves diamond-shaped to deltate, base ± truncate, cauline fused or partly free on 1 side.

Nyctaginaceae

p.211 *Abronia umbellata* – add “var. *umbellata*” in species name

Orobanchaceae

p.223 *Cordylanthus rigidus* subsp. *littoralis* – delete “Mon endemic”

Polemoniaceae

p.247 *Eriastrum wilcoxii**. – This taxon has now been formally described as *Eriastrum calocyanum* (Pretty Blue Woollystar) [See: *Tomum Nominum Eriastri: The Nomenclature and Taxonomy of Eriastrum (Polemoniaceae: Loeseliace)* by Sarah J DeGroot in *Aliso: A Journal of Systematic and Evolutionary Botany*; Vol 34: Iss.2, Article 1]

p.249 *Leptosiphon liniflorus* – substitute “Pedicels 10–30 mm” for “Pedicels 10–30 cm”

Polygonaceae

p.265 *Persicaria maculosa* – substitute “Eurasian” for “Eur”

p.269 *Rumex crassus* – substitute “pl decumbent to ascending, 2–6 dm” for “pl decumbent to ascending, 2–6 cm”

Rosaceae

p.287 *Pyracantha fortuneana* – substitute “China” for “Eur”

Scrophulariaceae

p.297 *Scrophularia californica* – substitute “cor 8–12 mm” for “cor 8–23 mm”

Urticaceae

p.303 *Parietaria judaica* – delete “15–40 mm” in line 2

Cyperaceae

p.347 *Schoenoplectus pungens* – substitute “var. *longispicatus*” for “subsp. *longispicatus*”

Poaceae

p.361 *Andropogon glomeratus* var. *scabriglumis* – substitute “stiffly erect 5–10 dm” for “stiffly erect 5–10 cm”

Index – Common Names

p.415 Delete “Annual Burweed: 67”

p.416 Insert “Burweed, Annual: 67”

p.424 Insert “Poppy, Coulter’s Matilija: 231”

Index – Scientific Names

p.430 *Baccharis salicifolia* – Add “subsp. *salicifolia*”

p.430 *Benitoa occidentalis* (not *B. occidentale*)

p.431 *Centranthus ruber* (not *C. rubra*)

p.432 *Crassula multicava* subsp. *multicava* (not subsp. *floribunda*)

p.438 *Nuttallanthus texanus* (Not *N. canadensis*)

p.439 *Plectritis congesta* – Add “subsp *congesta*”

p.440 Insert “*Romneya coulteri*: 231”